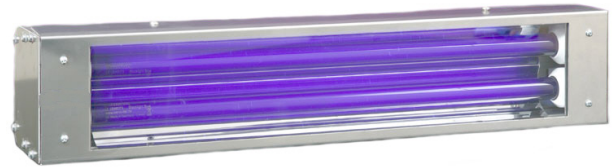


BLACKLIGHT TUBE UNIT

Version 20022018

365nm Peak Intensity Floodlight

The Blacklight Tube Unit is an overhead UV-A floodlight which produces light with a peak intensity of 365nm. The unit is supplied with adjustable mounting brackets and is completely sealed making it ideal for use outside and in wet and humid conditions. The Blacklight Tube Unit is also modular allowing for multiple installations if required. Supplied to customers in the past for mounting inside of blackout booths above liquid penetrant stations and MPI bench units.



Key Features

UV Tubes	2 x 36 W (48" long)
Rating	IP65
Source Lifetime	3000 hrs (typical)
Weight	6 kg

Technical Information

Peak wavelength of 365nm making the unit suitable for all fluorescent NDT processes.

Rated IP65 for ingress protection - Protected from low pressure water jets from any direction. Ideal for use in wet or humid conditions.

Produces wide area irradiance making the unit ideal for mounting above wash-off stations and inside blackout booths. Will flood an area with UV light better than any hand lamp.

Peak UV-A intensity >300 $\mu\text{W}/\text{cm}^2$ at a distance of 1000mm.

Tubes will typically last 3000 hrs making the unit economical to run compared to other types of UV floodlight.

Study lightweight Aluminium housing - Unit weighs just 6 kg.

Restriction of hazardous substances (RoHS) regulation compliant. Unit contain less than the maximum prescribed levels of lead, cadmium, mercury, hexavalent chromium and two specified flame retardants.

Operating temperatures between 0 - 50 °C means that unit remains relatively cool compared to some other types of units; in particular older Mercury discharge type lamps.

Features 3 Amp fuse protection.

Supplied with adjustable mounting bracket as standard.

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